

EXHIBIT H

FP32 multiply.

FP32 outputs.

Progress (of 64) 0----- 1----- 2----- 3----- 4----- 5----- 6---

Done.

Total number of inputs checked= 4294967296(100000000)

Valid inputs don't produce NaN, Overflow (Inf), or Underflow (i.e. 0 when exact is not 0).

Number of Valid Inputs to Multiply 3369879404(c8dc476c)

error range [50.00%,100.00%),	valid inputs in range	0.08% (2810348),	in or above range=	0.08%
error range [20.00%, 50.00%),	valid inputs in range	0.15% (5154620),	in or above range=	0.24%
error range [10.00%, 20.00%),	valid inputs in range	0.18% (6075118),	in or above range=	0.42%
error range [5.00%, 10.00%),	valid inputs in range	0.19% (6443774),	in or above range=	0.61%
error range [2.00%, 5.00%),	valid inputs in range	0.27% (8982214),	in or above range=	0.87%
error range [1.00%, 2.00%),	valid inputs in range	0.21% (7005155),	in or above range=	1.08%
error range [0.50%, 1.00%),	valid inputs in range	0.21% (7123254),	in or above range=	1.29%
error range [0.20%, 0.50%),	valid inputs in range	0.28% (9566974),	in or above range=	1.58%
error range [0.10%, 0.20%),	valid inputs in range	0.22% (7319733),	in or above range=	1.79%
error range [0.05%, 0.10%),	valid inputs in range	0.22% (7392691),	in or above range=	2.01%
error range [0.02%, 0.05%),	valid inputs in range	0.29% (9875252),	in or above range=	2.31%
error range [0.01%, 0.02%),	valid inputs in range	0.22% (7555160),	in or above range=	2.53%
error range [0.00%, 0.01%),	valid inputs in range	97.47% (-1010392185),	in or above range=	100.00%

Of all possible inputs (more than valid inputs)

NaN 0.78% (33488896 counts)

Inf 12.52% (537824654 counts)

Und 8.24% (353774342 counts)

Summary for spreadsheet. Inputs fp32. Output fp32.

1.08%

1.29%

1.58%

1.79%

2.01%

0.78%

12.52%

8.24%

ignore: nan